

CURVE DATA						
NOS.	RADIUS	Δ	ARC	TAN.	CHORD	L.C.B.
13-14	640.00	07° 1' 02"	80.25	40.18	80.19	S 23° 56' 10" W
15-16	500.00	08° 06' 35"	70.77	35.44	70.71	S 24° 23' 56" W
16-17	500.00	08° 06' 35"	70.77	35.44	70.71	S 24° 23' 56" W
51-152	25.00	48° 11' 23"	21.03	11.18	20.41	N 44° 50' 13" W
52-156	50.00	27° 22' 52"	241.19	-	-	-
54-56	25.00	48° 11' 23"	21.03	11.18	20.41	N 6° 58' 23" E
58-59	100.00	62° 02' 00"	108.27	60.13	103.06	S 80° 03' 05" W
160-169	150.00	56° 02' 33"	146.72	79.83	140.94	N 83° 02' 48" E
169-170	25.00	84° 00' 33"	36.66	22.51	33.46	S 82° 58' 12" E
165-167	25.00	48° 11' 23"	21.03	11.18	20.41	S 16° 52' 13" E
164-167	50.00	27° 22' 52"	241.19	-	-	-
162-164	25.00	48° 11' 23"	21.03	11.18	20.41	N 65° 03' 37" W
171-173	25.00	90° 00' 00"	39.27	25.00	35.36	N 04° 02' 05" E
75-179	175.00	22° 06' 31"	67.53	34.19	67.11	S 37° 58' 50" W
176-180	225.00	22° 06' 31"	86.82	43.96	86.28	N 37° 58' 50" E
177-193	25.00	81° 47' 12"	35.69	21.65	32.73	S 13° 58' 03" E
178-182	25.00	83° 25' 00"	36.40	22.28	33.27	N 68° 38' 09" E
183-186	25.00	90° 00' 00"	39.27	25.00	35.36	N 24° 39' 21" W
187-188	25.00	90° 00' 00"	39.27	25.00	35.36	S 65° 20' 39" W
190-191	275.00	25° 23' 03"	121.84	61.93	120.84	N 56° 57' 50" W
192-193	325.00	10° 35' 20"	60.06	30.12	59.99	S 49° 33' 57" E
194-195	105.00	80° 23' 14"	147.32	88.71	135.53	N 04° 04' 41" W
196-203	155.00	80° 23' 14"	217.47	130.96	200.07	S 04° 04' 41" E
198-200	25.00	70° 31' 44"	30.77	17.68	28.87	N 71° 22' 48" E
200-202	50.00	250° 31' 51"	218.63	-	-	-
204-205	25.00	90° 00' 00"	39.27	25.00	35.36	S 24° 39' 21" W
207-209	25.00	87° 08' 16"	38.02	23.78	34.46	S 66° 46' 30" E
14-207	640.00	02° 51' 44"	31.97	15.99	31.97	N 21° 46' 31" E
211-212	175.00	31° 39' 15"	26.68	49.61	25.46	S 85° 28' 58" E
210-213	225.00	31° 39' 15"	124.31	63.78	122.73	N 85° 28' 58" W
216-218	25.00	70° 31' 44"	30.77	17.68	28.87	N 43° 25' 32" E
214-216	50.00	250° 31' 51"	218.63	-	-	-

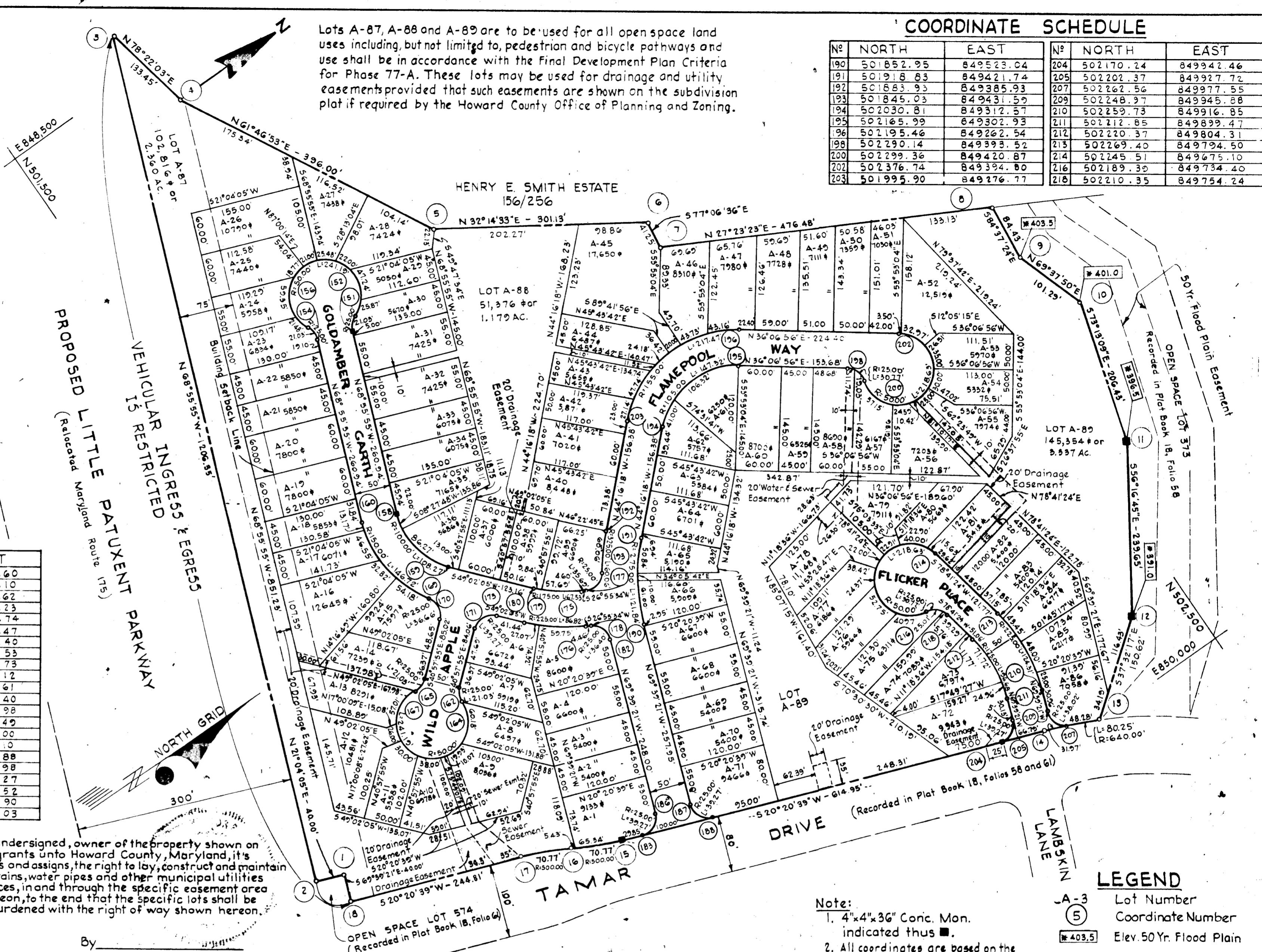
COORDINATE SCHEDULE			
Nº	NORTH	EAST	
1	501311.85	849570.86	
2	501274.52	849556.48	
3	501708.18	848430.77	
4	501735.09	848561.47	
5	501922.33	848910.41	
6	502177.02	849071.06	
7	502167.82	849111.27	
8	502590.89	849330.48	
9	502582.98	849414.53	
10	502618.23	849509.49	
11	502558.63	849707.13	
12	502425.59	849906.46	
13	502306.16	849998.23	
14	502232.87	849965.69	
15	501656.27	849751.89	
16	501591.88	849722.68	
17	501527.48	849693.47	
18	501297.94	849608.36	
151	501751.51	848958.10	
152	501765.99	848943.71	
154	501704.86	848940.12	
156	501703.78	848919.74	
158	501657.71	849201.60	
159	501675.51	849303.10	
160	501611.05	849183.62	
162	501592.60	849450.73	
164	501583.99	849468.74	
165	501559.82	849412.47	
167	501540.29	849418.40	
169	501628.11	849323.53	
170	501624.02	849356.73	
171	501656.07	849395.12	
173	501691.34	849397.61	
175	501809.16	849437.40	
176	501786.52	849481.98	
177	501813.22	849439.49	
178	501790.49	849484.00	
179	501756.26	849396.10	
180	501718.51	849428.88	
182	501802.61	849514.98	
183	501684.26	849762.27	
186	501716.39	849747.52	
187	501763.27	849764.90	
188	501778.02	849797.03	

TABULATIONS	
TOTALS	
All lots	ACREAGE = 209.48
R. O. W.	= 2.971
Open Space	= 0
Total	= 23.919
Lots this plat (incl. open space)	= 89

COORDINATE SCHEDULE

Nº	NORTH	EAST	Nº	NORTH	EAST
190	501852.95	849523.04	204	502170.24	849942.46
191	501918.83	849421.74	205	502202.37	849927.72
192	501883.93	849385.93	207	502262.56	849977.55
193	501845.03	849331.59	209	502248.97	849945.88
194	502030.81	849312.57	210	502259.73	849916.85
195	502165.99	849302.93	211	502212.85	849899.47
196	502195.46	849262.54	212	502220.37	849804.31
198	502290.14	849393.52	213	502269.40	849794.50
200	502299.36	849420.87	214	502245.51	849751.10
202	502376.74	849394.80	216	502189.35	849734.40
203	501995.90	849276.77	218	502210.35	849754.24

Lots A-87, A-88 and A-89 are to be used for all open space land uses including, but not limited to, pedestrian and bicycle pathways and use shall be in accordance with the Final Development Plan Criteria for Phase 77-A. These lots may be used for drainage and utility easements provided that such easements are shown on the subdivision plat if required by the Howard County Office of Planning and Zoning.



The undersigned, owner of the property shown on this plat, grants unto Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and through the specific easement area shown hereon, to the end that the specific lots shall be thereby burdened with the right of way shown hereon.

By: *[Signature]*
The Howard Research and Development Corp.

SURVEYOR'S, ENGINEER'S AND OWNER'S CERTIFICATES

The undersigned, owner of the property shown on this Plat, grants unto, (1) Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain water and sewer mains and laterals therefor in and under all road and street rights-of-way as shown hereon; (2) further it adopts this plan of subdivision and reserves the fee simple title to the beds of the streets and/or roads hereon, except however, for one dollar consideration, it herewith grants the right and option to Howard County, Maryland to acquire (within a period of five years commencing with the date of recording of this plat among the Land Records of Howard County) the fee simple title to the beds of the streets and/or roads shown hereon, together with such adjacent land, if any, as may be shown on this plat as areas designated for the installation of street lighting facilities, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 77-A recorded in Plat Book 19, Folios 108 to 130, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated December 13, 1966 and recorded among the Land Records of Howard County, Maryland in Liber 463 Folio 196 was granted and conveyed by C. Aileen Ames to The Howard Research and Development Corporation.

PROFESSIONAL LAND SURVEYOR
(By) *[Signature]* 1974
Whitman, Requardt & Assoc.
Reg. No. _____
2 W. Preston St., Baltimore, Md., 21201

PROFESSIONAL ENGINEER
(By) *[Signature]* 1974
Whitman, Requardt & Assoc.
Reg. No. _____
2 W. Preston St., Baltimore, Md., 21201

OWNER
(By) _____
The Howard Research and Development Corp.
Columbia, Maryland 21043
Auth Agent

RECORDED IN PLAT BOOK 21, FOLIO 75
on 516, 1971 among The
Land Records of Howard County, Maryland.

COLUMBIA
VILLAGE OF LONGREACH
LOTS A-1 to A-89
A RESUBDIVISION OF PARCEL "A"
SECTION 1
AREA 1
Sheet 1 of 1
GTM Election District of Howard County, Md.
Scale: 1" = 100' Date: March 11, 1971

Note:
1. 4"x4"x36" Conc. Mon. indicated thus ■.
2. All coordinates are based on the Maryland State Grid System.

LEGEND
A-3 Lot Number
⑤ Coordinate Number
403.5 Elev. 50 Yr. Flood Plain